

1. (Presently Amended) An ~~isotropic~~ alignment layer for a liquid crystal display, comprising a cured isotropic transparent and non-birefringent polymer film formed from a homogeneous mixture of:
an optical, curable epoxy; and
a reactive mesogen
the cured mixture of ~~mixed with~~ said epoxy and ~~the cured~~ reactive mesogen constituting an isotropic transparent and non-birefringent polymer film comprising polymerized liquid crystals molecules randomly oriented in cured optical epoxy, said polymerized liquid crystals molecules at an exposed surface of the isotropic transparent and non-birefringent polymer film capable of being subsequently aligned.
2. (Presently Amended) The ~~isotropic~~ alignment layer of claim 1, wherein said composition is polyimide free.
3. (Presently Amended) The ~~isotropic~~ alignment layer of claim 1, wherein the epoxy is UV curable.
4. (Presently Amended) The ~~isotropic~~ alignment layer of claim 1, further comprising a photo-initiator mixed with said epoxy.
5. (Presently Amended) The ~~isotropic~~ alignment layer of claim 4, further comprising a thermal-inhibitor mixed with said epoxy, reactive mesogen and photo-initiator.
6. (Presently Amended) The ~~isotropic-composition~~ alignment layer of claim 1, wherein said epoxy comprises between 10% and 80% by weight of said isotropic alignment layer.
- 7-33 (Previously Withdrawn)
- 34-48 (Previously Cancelled)
- 49 -52 (Previously Withdrawn)
53. (Presently Amended) The ~~isotropic~~ alignment layer of claim 1 wherein the randomly oriented liquid crystals in the cured film are capable of being azimuthally oriented by rubbing the film.
54. (Presently Added) The ~~isotropic~~ alignment layer of claim 1 wherein the reactive mesogen is a UV curable monoacrylate or diacrylate monomer or oligomer.
55. (Presently Amended) The ~~isotropic~~ alignment layer of claim 1 wherein the cured polymer film is formed from optical epoxy and reactive mesogen dissolved in a solvent which does not damage other layers of the liquid crystal device upon which it is coated.

56. (Presently Added) The ~~isotropic~~ alignment layer of claim 55 wherein the solvent is a ketone.

57. (Presently Added) The ~~isotropic~~ alignment layer of claim 55 wherein the solvent is chosen from the group consisting of cyclohexanone, methylethylketone, acetone, cyclopentanone, toluene and chlorobenzene.